

## SEQUENCE LISTING

<110> The Government of the United States, as represented by the  
Secretary, Dept. of Health and Human Services

Berzofsky, Jay A.  
Sarobe, Pablo  
Pendleton, C. David  
Feinstone, Stephen M.  
Arichi, Tatsumi  
Major, Marian E.

<120> MODIFIED HCV PEPTIDE VACCINES

<130> 14014.0347/P

<150> 60/097,446

<151> 1998-08-21

<160> 8

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =  
synthetic construct

<400> 1

Asp Leu Met Gly Tyr Ile Pro Ala Val  
1 5

<210> 2

<211> 191

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =  
synthetic construct

<400> 2

Met	Ser	Thr	Asn	Pro	Lys	Pro	Gln	Lys	Lys	Asn	Lys	Arg	Asn	Thr	Asn
1			5					10					15		
Arg	Arg	Pro	Gln	Asp	Val	Lys	Phe	Pro	Gly	Gly	Gly	Gln	Ile	Val	Gly
			20					25				30			
Gly	Val	Tyr	Leu	Leu	Pro	Arg	Arg	Gly	Pro	Arg	Leu	Gly	Val	Arg	Ala
		35					40				45				
Thr	Arg	Lys	Thr	Ser	Glu	Arg	Ser	Gln	Pro	Arg	Gly	Arg	Arg	Gln	Pro
50						55					60				

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```

Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
65                               70                               75                               80

Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
                               85                               90                               95
Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
                               100                              105                              110
Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys
                               115                              120                              125
Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Ala Val Gly Ala Pro Leu
                               130                              135                              140
Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp
145                               150                              155                              160
Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile
                               165                              170                              175
Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala
                               180                              185                              190

```

```

<210> 3
<211> 9
<212> PRT
<213> Artificial Sequence

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```

<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

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```

<400> 3
Asp Leu Met Gly Tyr Ile Pro Leu Val
1                               5

```

```

<210> 4
<211> 191
<212> PRT
<213> Artificial Sequence

```

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<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

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```

<400> 4
Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
1                               5                               10                               15
Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly
                               20                               25                               30
Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
                               35                               40                               45
Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
50                               55                               60
Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
65                               70                               75                               80
Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
                               85                               90                               95
Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
100                              105                              110

```

```

Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys
    115                      120                      125
Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Leu Val Gly Ala Pro Leu
    130                      135                      140
Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp
    145                      150                      155                      160
Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile
    165                      170                      175
Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala
    180                      185                      190

```

```

<210> 5
<211> 23
<212> DNA
<213> Artificial Sequence

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<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

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<400> 5
tcatgggggta cataccggcg gtc

```

23

```

<210> 6
<211> 23
<212> DNA
<213> Artificial Sequence

```

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<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

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```

<400> 6
tccaagaggg ggcgcgaccg ccg

```

23

```

<210> 7
<211> 21
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

```

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<400> 7
aagactgcta gccgagtagt g

```

21

```

<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence

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<220>
<223>Description of Artificial Sequence:/Note =
        synthetic construct

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<400> 8  
cacaatactc gagttagggc

20

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